16-port 19" 10/100M PoE Switch PW1600IL-24v

with PoE On/Off DIP Control

Introduction

PW1600IL-24v is a 16-port 19" 10M/100M Fast Ethernet Switch with high power Power over Ethernet (PoE) capability. With 16 dip switches, each PoE port can be manually set for On-Off control. Per PoE port can output 24VDC to remote networking device such as wireless AP, etc. The overall PoE power budget is 120w.

Auto-MDI/MDI-X

Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

Power Protection

PW1600IL-24v supports power protections as OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), robust short-circuit protection and surge protection.

Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 200Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

Store and Forward

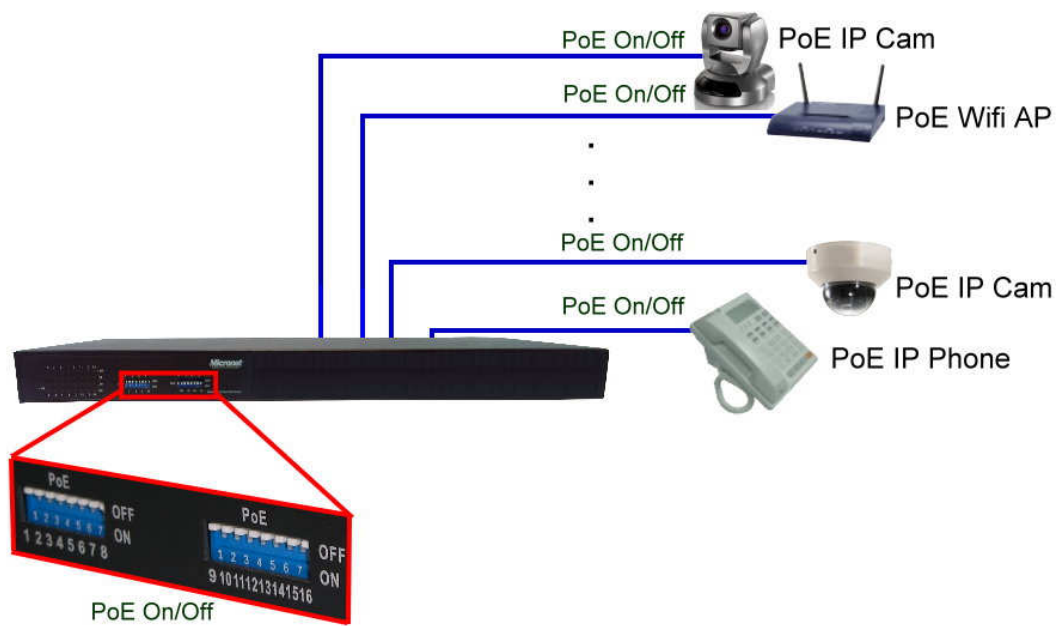It maximizes network performance while minimizing the propagation of bad network packets.

Technical Specifications

Standards	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE 802.3x Flow Control
	Midspan PoE compliant
Features	MAC Address: 2K
	Buffer Memory: 512K bits
	Transmission Method: Store and Forward
Filtering/Forwarding Rates	100Mbps port - 148,800pps
	10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP
	100BaseTX Cat. 5 UTP/STP
PoE on each Port	15.4W, Total PoE budget 250W (PW1600I) or 120W (PW1600IL)
Output PoE Pin	4,5,7,8
LED Indicators	Power, LAN1~16 port , PoE 1~16 port
Power Input	100-240VAC, 50~60Hz
Dimensions	480 × 118 × 44 mm (L x W x H) with holder
Weight	2.2 kg
Operating Temperature	0 to 50℃
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE

Ordering Information

PW1600I -24v	16-port Fast Ethernet High Power PoE Switch, 250w, per PoE port 15.4W max., 24VDC PoE output
PW1600IL -24v	16-port Fast Ethernet PoE Switch, 120w, per PoE port 15.4W max. , 24VDC PoE output

Application Diagram

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